



Australian Government

AURVTN039 Set up body alignment equipment on vehicles

Release: 1

AURVTN039 Set up body alignment equipment on vehicles

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to set up body alignment equipment on a vehicle. It involves planning and preparing for the task, measuring the vehicle, selecting and using tools and equipment, setting up alignment equipment on the vehicle, and maintaining the work area, tools and equipment.

It applies to those undertaking a Vocational Education and Training in Schools (VETiS) or pre-vocational qualification as preparation to entering the automotive service and repair or automotive manufacturing industry. The unit is designed for use in a highly supervised context and is not suitable for use in a vocational qualification.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.

Competency Field

Vehicle Body

Unit Sector

Technical - Body

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold and italicised text is used, further information is detailed in the range of conditions section.
1. Prepare to set up vehicle body alignment equipment	1.1 Task instructions are interpreted and vehicle to be worked on is identified 1.2 Manufacturer specifications and workplace procedures for

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	aligning vehicle are sourced and interpreted 1.3 <i>Safety requirements</i> are sourced and interpreted 1.4 Potential hazards and risks associated with task are identified and reported to workplace supervisor
2. Set up vehicle body alignment equipment	2.1 Vehicle body is measured according to manufacturer specifications, workplace procedures and safety requirements 2.2 Body alignment equipment and tools required for aligning body vehicle are identified and checked for serviceability 2.3 Body alignment equipment is attached to vehicle according to manufacturer specifications, workplace procedures and safety requirements
3. Complete work processes	3.1 Final inspection is made to ensure work meets task instruction and workplace standards, and vehicle is presented ready for use or further process according to workplace procedures 3.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected and stored according to environmental requirements and workplace procedures 3.3 Tools and equipment are checked and stored according to workplace procedures, or tagged and reported as required 3.4 Workplace documentation is processed according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance and are not explicit in the performance criteria.

Skills	Description
Learning skills to:	locate appropriate sources of vehicle body alignment information and procedures.
Reading skills to:	- select and interpret key information from: - manufacturer literature, safety requirements and workplace procedures for aligning a vehicle body - environmental requirements and workplace procedures to ensure a clean and safe work site.

Skills	Description
Writing skills to:	legibly and accurately fill out workplace documentation.
Oral communication skills to:	participate effectively in verbal exchanges using questioning and active listening to request, clarify and clearly convey information.
Numeracy skills to:	use basic mathematical operations, including addition, subtraction, multiplication and division, to measure vehicle body alignment and panel gaps.
Technology skills to:	set up and operate equipment and tools required to realign vehicle bodies.

Range of Conditions

This section specifies work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Bold italicised wording, if used in the performance criteria, is detailed below.

<i>Safety requirements</i> must include:	- work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for: - selecting and using personal protective equipment (PPE), including safety glasses, ear protection and safety footwear - using hand tools.
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Unit Mapping Information

No equivalent unit.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>

Assessment Requirements for AURVTN039 Set up body alignment equipment on vehicles

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Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standards defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- correctly set up body alignment equipment on one vehicle.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to setting up body alignment equipment on vehicles, including procedures for:
 - selecting and using personal protective equipment (PPE), including safety glasses, ear protection and safety footwear
 - using hand tools
- types and construction of vehicle bodies
- types and application of vehicle body alignment equipment.

Assessment Conditions

Assessors must satisfy NVR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessment must include direct observation.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the body alignment equipment they have set up on vehicles, e.g. repair orders.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- automotive repair workplace or simulated workplace
- PPE for setting up body alignment equipment
- one vehicle requiring body alignment
- vehicle alignment measuring tools
- tools, equipment and materials appropriate for setting up body alignment equipment on vehicles.

Links

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